

Title (en)
EXTRUDED ANIMAL LITTERS

Title (de)
EXTRUDIERTER TIERSTREU

Title (fr)
LITIÈRES EXTRUDÉES POUR ANIMAUX

Publication
EP 2528428 A4 20131106 (EN)

Application
EP 11737413 A 20110127

Priority
• US 33701910 P 20100129
• US 33926210 P 20100302
• US 2011000171 W 20110127

Abstract (en)
[origin: WO2011094022A1] The invention provides extruded animal litters and methods of making and using such litters. The animal litters comprise an extruded mixture of from about 10 to about 90% of one or more clays and from about 90 to about 10% of one or more starches. The use of starches to produce the extruded litters result in litters that are less dense than conventional clay-based animal litters and are therefore easier to transport and use.

IPC 8 full level
A01K 1/015 (2006.01)

CPC (source: EP US)
A01K 1/0152 (2013.01 - US); **A01K 1/0154** (2013.01 - EP US); **A01K 1/0155** (2013.01 - EP US); **B02C 23/00** (2013.01 - US)

Citation (search report)
• [XY] WO 9115291 A1 19911017 - HOECHST CELANESE CORP [US]
• [XI] US 2009308323 A1 20091217 - VAN NIEUWENHUIJZEN-VAN ROOIJEN [NL], et al
• [Y] US 2006243212 A1 20061102 - JENKINS DENNIS B [US], et al
• [Y] US 3923005 A 19751202 - FRY RAYMOND J, et al
• [Y] US 2005132968 A1 20050623 - SWANK RICHARD B [US]
• See also references of WO 2011094022A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011094022 A1 20110804; AU 2011209935 A1 20120809; AU 2011209935 B2 20160630; AU 2011209936 A1 20120906; AU 2011209936 B2 20160616; BR 112012019043 A2 20210420; BR 112012019043 B1 20211123; CA 2787031 A1 20110804; CA 2787031 C 20170919; CA 2790146 A1 20110804; CA 2790146 C 20180821; CN 102740685 A 20121017; CN 102740685 B 20150429; CN 102821758 A 20121212; CN 102821758 B 20150923; EP 2528428 A1 20121205; EP 2528428 A4 20131106; EP 2528588 A1 20121205; EP 2528588 A4 20131120; EP 2528588 B1 20240221; ES 2973768 T3 20240624; JP 2013517795 A 20130520; JP 5944327 B2 20160705; MX 2012008663 A 20120823; MX 2012009615 A 20130712; MX 345332 B 20170125; RU 2012136814 A 20140310; RU 2012136815 A 20140310; RU 2571336 C2 20151220; RU 2576434 C2 20160310; US 2011185978 A1 20110804; US 2015090188 A1 20150402; US 8904963 B2 20141209; WO 2011094023 A1 20110804; ZA 201206466 B 20140226; ZA 201206474 B 20140226

DOCDB simple family (application)
US 2011000171 W 20110127; AU 2011209935 A 20110127; AU 2011209936 A 20110127; BR 112012019043 A 20110127; CA 2787031 A 20110127; CA 2790146 A 20110127; CN 201180007755 A 20110127; CN 201180016544 A 20110127; EP 11737413 A 20110127; EP 11737414 A 20110127; ES 11737414 T 20110127; JP 2012551178 A 20110127; MX 2012008663 A 20110127; MX 2012009615 A 20110127; RU 2012136814 A 20110127; RU 2012136815 A 20110127; US 2011000172 W 20110127; US 201414563735 A 20141208; US 93124711 A 20110127; ZA 201206466 A 20120828; ZA 201206474 A 20120828